

#6

SEQUENCE LISTING

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KOBAYASHI, Midori
ITO, Koichi
ISHIZUKA, Yoshiko

<120> A Method for Producing an Antibody by Gene Immunization

<130> 2002-0400A/LC/00653

<140> 10/088,859

<141> 2002-05-29

<150> PCT/JP01/06371

<151> 2001-07-24

<150> JP2000-222743

<151> 2000-07-24

<150> JP2000-254407

<151> 2000-08-24

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<170> PatentIn Ver. 2.1

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Ile Gly Ala Phe Thr Leu Leu Leu Phe Ser Leu Leu Val Ser Pro Pro
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Thr Cys Lys Val Gln Glu Gln Pro Pro Ala Ile Pro Glu Ala Leu Ala
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 Leu Gln Val Ala Leu Glu Glu Phe His Lys His Pro Pro Val Gln Trp
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 Ala Phe Gln Glu Thr Ser Val Glu Ser Ala Val Asp Thr Pro Phe Pro
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Lys Ala Leu Pro Arg Ser
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120 125 130

gga aag tca atc gta gga aga aca cag tac agc ttc atc act ggt cca 548

Gly	Lys	Ser	Ile	Val	Gly	Arg	Thr	Gln	Tyr	Ser	Phe	Ile	Thr	Gly	Pro		
		135					140					145					
gct	gta	ata	cca	ggg	tac	ttc	tcc	gtt	gat	gtg	aat	aat	gtg	gta	ctc	596	
Ala	Val	Ile	Pro	Gly	Tyr	Phe	Ser	Val	Asp	Val	Asn	Asn	Val	Val	Leu		
		150				155					160						
att	tta	aat	gga	aga	gaa	aaa	gca	aag	atc	ttt	tat	gcc	acc	cag	tgg	644	
Ile	Leu	Asn	Gly	Arg	Glu	Lys	Ala	Lys	Ile	Phe	Tyr	Ala	Thr	Gln	Trp		
		165			170				175					180			
tta	ctt	tat	gca	caa	aat	tta	gtg	caa	att	caa	aaa	ctc	cag	cat	ctt	692	
Leu	Leu	Tyr	Ala	Gln	Asn	Leu	Val	Gln	Ile	Gln	Lys	Leu	Gln	His	Leu		
			185					190						195			
gct	gtt	gtt	ttg	ctc	gga	aat	gaa	cat	tgt	gat	aat	gag	tgg	ata	aac	740	
Ala	Val	Val	Leu	Leu	Gly	Asn	Glu	His	Cys	Asp	Asn	Glu	Trp	Ile	Asn		
			200					205					210				
cca	ttc	ctc	aaa	aga	aat	gga	ggc	ttc	gtg	gag	ctg	ctt	ttc	ata	ata	788	
Pro	Phe	Leu	Lys	Arg	Asn	Gly	Gly	Phe	Val	Glu	Leu	Leu	Phe	Ile	Ile		
			215				220					225					
tat	gac	agc	ccc	tgg	att	aat	gac	gtg	gat	gtt	ttt	cag	tgg	cct	tta	836	
Tyr	Asp	Ser	Pro	Trp	Ile	Asn	Asp	Val	Asp	Val	Phe	Gln	Trp	Pro	Leu		
		230				235					240						
gga	gta	gca	aca	tac	agg	aat	ttt	cct	gtg	gtg	gag	gca	agt	tgg	tca	884	
Gly	Val	Ala	Thr	Tyr	Arg	Asn	Phe	Pro	Val	Val	Glu	Ala	Ser	Trp	Ser		
					250				255					260			
atg	ctg	cat	gat	gag	agg	cca	tat	tta	tgt	aat	ttc	tta	gga	acg	att	932	
Met	Leu	His	Asp	Glu	Arg	Pro	Tyr	Leu	Cys	Asn	Phe	Leu	Gly	Thr	Ile		
				265					270					275			
tat	gaa	aat	tca	tcc	aga	cag	gca	cta	atg	aac	att	ttg	aaa	aaa	gat	980	
Tyr	Glu	Asn	Ser	Ser	Arg	Gln	Ala	Leu	Met	Asn	Ile	Leu	Lys	Lys	Asp		
			280					285					290				
ggg	aac	gat	aag	ctt	tgt	tgg	gtt	tca	gca	aga	gaa	cac	tgg	cag	cct	1028	
Gly	Asn	Asp	Lys	Leu	Cys	Trp	Val	Ser	Ala	Arg	Glu	His	Trp	Gln	Pro		
			295				300					305					
cag	gaa	aca	aat	gaa	agt	ctt	aag	aat	tac	caa	gat	gcc	ttg	ctt	cag	1076	
Gln	Glu	Thr	Asn	Glu	Ser	Leu	Lys	Asn	Tyr	Gln	Asp	Ala	Leu	Leu	Gln		
			310				315				320						
agt	gat	ctc	aca	ttg	tgc	ccg	gtc	gga	gta	aac	aca	gaa	tgc	tat	cga	1124	
Ser	Asp	Leu	Thr	Leu	Cys	Pro	Val	Gly	Val	Asn	Thr	Glu	Cys	Tyr	Arg		
					330					335					340		
atc	tat	gag	gct	tgc	tcc	tat	ggc	tcc	att	cct	gtg	gtg	gaa	gac	gtg	1172	
Ile	Tyr	Glu	Ala	Cys	Ser	Tyr	Gly	Ser	Ile	Pro	Val	Val	Glu	Asp	Val		
				345				350						355			
atg	aca	gct	ggc	aac	tgt	ggg	aat	aca	tct	gtg	cac	cac	ggt	gct	cct	1220	
Met	Thr	Ala	Gly	Asn	Cys	Gly	Asn	Thr	Ser	Val	His	His	Gly	Ala	Pro		

360	365	370	
ctg cag tta ctc aag tcc atg ggt gct ccc ttt atc ttt atc aag aac			1268
Leu Gln Leu Leu Lys Ser Met Gly Ala Pro Phe Ile Phe Ile Lys Asn			
375	380	385	
tggt aag gaa ctc cct gct gtt tta gaa aaa gag aaa act ata att tta			1316
Trp Lys Glu Leu Pro Ala Val Leu Glu Lys Glu Lys Thr Ile Ile Leu			
390	395	400	
caa gaa aaa att gaa aga aga aaa atg tta ctt cag tgg tat cag cac			1364
Gln Glu Lys Ile Glu Arg Arg Lys Met Leu Leu Gln Trp Tyr Gln His			
405	410	415	420
ttc aag aca gag ctt aaa atg aaa ttt act aat att tta gaa agc tca			1412
Phe Lys Thr Glu Leu Lys Met Lys Phe Thr Asn Ile Leu Glu Ser Ser			
425	430	435	
ttt tta atg aat aat aaa agt taa ttatcttttt gagct			1451
Phe Leu Met Asn Asn Lys Ser			
440			

*All
Good*
